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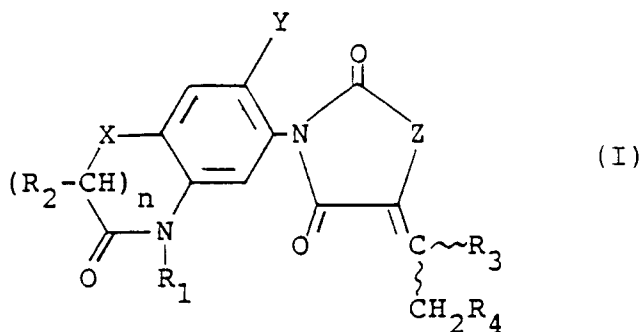
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N-Phenylimides, and their production and use.

A compound of the formula I:



wherein X is an oxygen atom or a sulfur atom, Y is a hydrogen atom or a fluorine atom, Z is an oxygen atom, a methylene group or a group of the formula: N-R₅ (in which R₅ is a hydrogen atom, a C₁-C₆ alkyl group, a C₃-C₇ alkenyl group, a C₃-C₇ alkynyl group, a halo(C₂-C₆)alkyl group or a C₁-C₆ alkoxy carbonylmethyl group), R₁ is a

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hydrogen atom, a C₁-C₆ alkyl group, a C₃-C₇ alkenyl group, a C₃-C₇ alkynyl group, a halo(C alkyl group, a halo-(C₃-C₇)alkenyl group, a cyano(C₁-C₆)alkyl group, a C₁-C₆ alkoxy(C₁-C₆)alkyl group or a C₁-C₆ alkoxy-carbonylmethyl group, R₂ is a hydrogen atom or a C₁-C₆ alkyl group; R₃ and R₄ are, the same or different, each a hydrogen atom or a C₁-C₆ alkyl group; n is an integer of 0 or 1, which is useful as a herbicide.



DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y,D	EP-A-0 262 428 (SAGAMI CHEMICAL RESEARCH ET AL.) * page 3 - page 4 **	1,23	C 07 D 413/04 C 07 D 263/58
A	(* page 10; figure 9 *) - - - -	18	C 07 D 417/04 C 07 D 277/68
Y	EP-A-0 255 601 (NIHON TOKUSHU NOYAKU SEIZO) * page 3 - line 36 **	1,23	C 07 D 265/36 C 07 D 279/16
Y	EP-A-0 241 559 (SAGAMI CHEMICAL RESEARCH CENTER ET AL.) * page 1 - page 8 **	1,23	A 01 N 43/74 A 01 N 43/84
A	(* page 10 - page 20, line 31 *)	18	
D	(& JP-A-62 174 065 (...)) - - - -		
Y	EP-A-0 230 874 (SUMITOMO CHEMICAL COMPANY, LIMITED) * page 1 - page 2, line 4 **	1,23	
A	(* page 4, paragraph 3 - page 6 *) - - - -	18	
Y	EP-A-0 218 972 (SUMITOMO CHEMICAL COMPANY, LIMITED) * page 1 - page 2, line 10 **	1,23	
D	(& US-A-4 720 297) - - - -		
Y,D	EP-A-0 190 755 (ASAHI KASEI KOGYO KABUSHIKI KAISHA) * page 2 - page 7, line 16 **	1,23	C 07 D
A	(* page 33, line 15 - page 34, line 21 *) - - - - -	18	
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of search 06 February 92	Examiner KYRIAKAKOU G
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention		E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document	